Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 17 Aug 2022 until 23:59 on Thursday 18 Aug 2022

Forecast Issued on Wednesday 17 Aug 2022 at 03:56

Confidence: Medium for speed of retreat of early damp conditions southwards on Wednesday and persistence of cloud in its wake. Higher for changeable theme thereafter, with more seasonal temperatures and bouts of rain.

Headline for Wednesday 17 Aug 2022: Damp and cloudy to start, gradually becoming drier and perhaps brighter later.

Mountain weather hazards on Wednesday 17 Aug 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Cloudy	Cloudy	Sunny intervals	Partly cloudy (night)
Precipitation probability					
60%	30%	10%	10%	10%	10%

Forecast for Wednesday 17 Aug 2022

Weather: Overnight rain and showery bursts should ease through the morning, with cloud starting the day over higher ground. Becoming drier and brighter through the day, although cloud should prove rather stubborn above the height of the peaks, with the highest chance of some brighter intervals arriving in the north late on.

Chance of cloud-free hill tops above 600m: 40% improving 70%.

Low cloud and visibility: Broken cloud should affect ground above 400 metres first thing, however this should lift clear by mid-morning. Visibility may be moderate at first in prevailing rain, but should improve to become very good.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Wednesday 17 Aug 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/28 NE	23/29 NE	19/26 NE	16/22 NE	12/17 NE	10/17 E	8/12 E
300	20/30 NE	22/33 NE	19/28 NE	15/22 NE	10/16 NE	8/16 E	4/8 NE
Valley	17/35 NE	21/39 NE	17/29 NE	13/22 NE	8/16 NE	8/17 E	7/14 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/6	10/6	11/8	13/10	13/10	12/10	11/9
300	12/9	12/8	14/11	16/13	16/14	14/13	13/12
Valley	13/10	13/10	16/13	18/15	17/15	15/13	13/12
Freezing Level*	2800m	2900m	2900m	2900m	2900m	2800m	2700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Early brisk winds down to valley level and intermittent rain will make for more notable windchill than of late, especially when taken with lower temperatures – both generally and falling with height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 17 Aug 2022	2.2mm	2.2mm	2.2mm

Forecast for Thursday 18 Aug 2022

Weather: A drier and brighter start with light winds and some hazy sunshine for a time, with high cloud thickening and lowering later, probably preceding a spell of rain later in the afternoon. A warmer day than through midweek on the whole, with high UV, heat stress under exertion and adequate water once again main concerns.

Maximum wind: Strengtheing southwesterly 25mph.

Chance of cloud-free hill tops above 600m: 90%, becoming 40% by evening.

Low cloud and visibility: Patchy cloud above summits in the morning. Very good visibility generally, deteriorating in rain with cloud down to 300-500m by evening.

Temperature: **Valleys:** Locally plus 7 degrees, rising to plus 24 degrees Celsius.
At 600m: Plus 14 degrees Celsius.
Freezing level: Well above the peaks.

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